

Abstract of the Invention

A method and system for a local direction finding network is disclosed. The system uses a tracking unit to locate a target location by transmitting signals from the target location to the tracking unit. The tracking unit then verifies the source of the transmission. If matched with the target code entered, the received transmission is used by the tracking unit to determine the bearing and strength, hence navigation information, of the source of the transmission. The tracking unit can then move closer and closer toward the target location based on the navigation information. Many target locations may be represented by a single transmitter, which will direct the tracking unit to the desired target location, based on the known locations of the transmitter and the target location. Additionally, a networked group of transmitters can be implemented, which, through successive handing off, will direct the tracking unit from one cell to the cell where the target location is located.